

IN THE CLAIMS:

Please amend claims 1, 4 and 7, cancel claims 8 and 9 without prejudice and add new claims 10-15 as follows:

1. (Currently amended) A laser display system having at least one laser as light source, the laser display system comprising:

at least one filter transmitting or reflecting a particular wavelength of red, green and blue light generated in the laser, and mixing the light red, green and blue light to one;

an integrated a-rotation color separator separating and diffuser adapted to sequentially separate the mixed light into the red, green and blue light-sequentially and simultaneously diffuse the separated light, wherein a color separation coating area and a dispersing material coating area are formed on the rotation color separator such that color separation and speckle prevention functions are integrated;

a diffuser diffusing the separated light;

an illuminating device irradiating with the light progressed from the integrated rotation color separator and diffuser;

a display panel generating an image by modulating transmittance of the light from the illuminating device according to ~~an electric signal of~~ a video signal; and

a controller receiving the video signal, and making correspondence of adapted to make color areas from the integrated rotation color separator and diffuser and the display panel correspond.

2. (Original) The laser display system as claimed in claim 1, wherein at least one filter includes:

a first filter for mixing yellow light by transmitting the red light and reflecting the green light; and

a second filter transmitting the yellow light and reflecting the blue light.

3. (Original) The laser display system as claimed in claim 1, wherein at least one filter includes:

a first filter for mixing azure light by transmitting the green light and reflecting the blue light; and

a second filter transmitting the azure light and reflecting the red light.

4. (Currently amended) The laser display system as claimed in claim 1, wherein the rotation color separator is divided into R, G and B areas for transmitting the red, green and blue colors, and the respective areas of red, green and blue are sequentially irradiated with the white light as the integrated rotation color separator and diffuser is rotated, whereby only the light of the corresponding area is transmitted.

5. (Original) The laser display system as claimed in claim 1, wherein the diffuser diffuses the red, green and blue light irregularly at different progressing angles.

6. (Original) The laser display system as claimed in claim 1, wherein the controller detects the color of the light transmitted in the rotation color separator, and transmits the signal of the corresponding color to the display panel by synchronizing with the detected color.

7. (Currently amended) The laser display system as claimed in claim 1, wherein a ~~color separation coating area is formed on the front of the rotation color separator, and a dispersing material coating area is formed on the rear thereof, and then the two~~ color separation coating area and dispersing material coating area are rotated with a rotation axis, thereby integrating color separation and speckle prevention functions.

8. (Canceled)

9. (Canceled)

10. (New) A method of providing a laser display with at least one laser as a light source, the method comprising:

transmitting or reflecting a particular wavelength of red, green and blue light generated in the laser and mixing the light red, green and blue light to one;

sequentially separating the mixed light into the red, green and blue light and simultaneously diffusing the separated light, wherein color separation and sprinkle prevention functions are integrated by forming a color separation coating area and a dispersing material coating area on an integrated color separation and diffusing device;

irradiating with the diffused light;

generating a display image by modulating transmittance of the illuminated light according to a video signal; and

controlling the correspondence between color areas of the separated red, green and blue light and the displayed image according to the video signal.

11. (New) The method of claim 10, further comprising:

mixing yellow light by transmitting the red light and reflecting the green light; and  
transmitting the yellow light and reflecting the blue light.

12. (New) The method of claim 10, further comprising:

mixing azure light by transmitting the green light and reflecting the blue light; and  
transmitting the azure light and reflecting the red light.

13. (New) The method of claim 10, wherein the respective areas of red, green and blue are sequentially irradiated with white light, whereby only the light of the sequentially irradiated area is transmitted.

14. (New) The method of claim 10, wherein the red, green and blue light is diffused irregularly at different progressing angles.

15. (New) The method of claim 10, further comprising rotating the formed color separation coating area and dispersing material coating area with a rotation axis.